

SPHEROBENT® G2000

Activated granulate bentonite for microdose application and easy dispersion

Description

Spherobent® G2000, sodium-activated granulated bentonite, is obtained by the re-agglomeration of powder products. This process not only allows powder-free products to be obtained, it also considerably increases their capacity to disperse and their colloidal properties, thereby increasing the level of clarification.

Spherobent® G2000 is characterised by:

- extremely good deproteinising action
- almost complete absence of powder
- very easy dispersion
- very low inert matter content
- deposit volumes reduced to a minimum
- the smell and taste of the wine are not affected

The high quality of the bentonites used ensures complete deproteinising and protein stability.

Spherobent® G2000 can be used in all types of musts and wine.

Because it is highly deproteinising, **Spherobent® G2000** is effective even when used in **microdoses**.

It is also characterized by a high level of reducing strength with regard to **riboflavin**.

Instructions for use

1. Disperse **Spherobent® G2000** in cold water (1:10 ratio) by shaking vigorously until a homogeneous suspension is obtained.
2. Allow the solution (gel) to stand for a few hours
3. Mix again and add to the product to be treated

Dosage

Spherobent® G2000: from 20 to 50 g/hl

Packs

Supplied in 25-kg paper bags

		Spherobent® G2000
Characteristics		
Swelling	[ml/2g]	32
Umidity	[%]	10 – 12
Particle-size analysis	[mm]	0.5 –1.7
Deproteinising strength (Codex)	[%]	90

		Spherobent® G2000
Chemical analisys (typical)		[%]
SiO ₂		56.23
Al ₂ O ₃		26
TiO ₂		0.19
Fe ₂ O ₃		3.22
P ₂ O ₅		0.05
MnO		0.01
MgO		2.27
CaO		1.78
K ₂ O		0.82
Na ₂ O		2.54
Calcination loss		6.89
Soluble metals (according to International Oenological Codex):		
Lead	[ppm]	5.0 max
Iron	[%]	0.6 max
Sodium	[%]	3.5 max
Calcium	[%]	2.5 max
Other heavy metals	[ppm]	10 max

PRODUCTS FOR USE IN OENOLOGY

Laviosa Chimica Mineraria Spa products undergo continuous testing to ensure their purity and quality in accordance with the laws of Italy (DM 26 April 1969 – Substances for use in oenology) and the EU (REG. CE 606/2009), and international laws (International Oenological Codex)

Information given in this bulletin is based on the state of our knowledge at the date of publication and are believed to be accurate, but do not constitute any engagement or warranty from our part. Buyers and users should make their own assessments under their own conditions and for their own requirements. Information may be changed without any notice. For mandatory characteristics and performance please refer to our Sale Specifications.

**COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =**

Laviosa Chimica Mineraria SpA - Italy
Laviosa Sanayi ve Ticaret Ltd Sti - Turkey
Laviosa MPC sas - France
Laviosa Trimex Industries Pvt Ltd - India